

OIKE

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/929,787

TIME: 17:30:25

Input Set : A:\5051.551WO Sequence Listing.txt

Output Set: N:\CRF3\08162001\I929787.raw

ENTERED

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3 <110> APPLICANT: Noga, Edward J.
4     Silphaduang, Umaporn
6 <120> TITLE OF INVENTION: ANTIMICROBIAL PEPTIDES ISOLATED FROM MAST CELLS
8 <130> FILE REFERENCE: 5051.551WO
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/929,787
C--> 10 <141> CURRENT FILING DATE: 2001-08-14
10 <150> PRIOR APPLICATION NUMBER: US 60/225,354
11 <151> PRIOR FILING DATE: 2000-08-15
13 <160> NUMBER OF SEQ ID NOS: 6
15 <170> SOFTWARE: PatentIn version 3.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 22
19 <212> TYPE: PRT
20 <213> ORGANISM: Morone saxitilis x Morone chrysops
22 <400> SEQUENCE: 1
24 Phe Ile His His Ile Phe Arg Gly Ile Val His Ala Gly Arg Ser Ile
25 1             5             10             15
28 Gly Arg Phe Leu Thr Gly
29             20
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33 <211> LENGTH: 22
34 <212> TYPE: PRT
35 <213> ORGANISM: Morone saxitilis x Morone chrysops
37 <400> SEQUENCE: 2
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40 1             5             10             15
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44             20
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 22
49 <212> TYPE: PRT
50 <213> ORGANISM: Morone saxitilis x Morone chrysops
52 <400> SEQUENCE: 3
54 Phe Phe His His Ile Phe Arg Gly Ile Val His Val Gly Lys Thr Ile
55 1             5             10             15
58 His Lys Leu Val Thr Gly
59             20
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63 <211> LENGTH: 44
64 <212> TYPE: PRT
65 <213> ORGANISM: Morone saxitilis x Morone chrysops
67 <220> FEATURE:
68 <221> NAME/KEY: MISC_FEATURE
69 <222> LOCATION: (20)..(20)
70 <223> OTHER INFORMATION: "X" is either tryptophan or beta-hydroxytryptophan
73 <400> SEQUENCE: 4
75 Phe Phe Arg His Leu Phe Arg Gly Ala Lys Ala Ile Phe Arg Gly Ala

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      76 1          5          10          15
W--> 79 Arg Gln Gly Xaa Arg Ala His Lys Val Val Ser Arg Tyr Arg Asn Arg
      80          20          25          30
      83 Asp Val Pro Glu Thr Asp Asn Asn Gln Glu Glu Pro
      84          35          40
      87 <210> SEQ ID NO: 5
      88 <211> LENGTH: 4
      89 <212> TYPE: PRT
      90 <213> ORGANISM: Artificial Sequence
      92 <220> FEATURE:
      93 <223> OTHER INFORMATION: Synthetic Peptide ✓
      95 <400> SEQUENCE: 5
      97 His Ile Phe Arg
      98 1
      101 <210> SEQ ID NO: 6
      102 <211> LENGTH: 24
      103 <212> TYPE: PRT
      104 <213> ORGANISM: Artificial Sequence ✓
      106 <220> FEATURE:
      107 <223> OTHER INFORMATION: Synthetic Peptide ✓
      109 <400> SEQUENCE: 6
      111 His Val Ile Gly Arg Phe Ile His His Phe Phe Cys Cys Phe Phe His
      112 1          5          10          15
      115 His Ile Phe Arg Gly Ile Val His
      116          20

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/929,787

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Input Set : A:\5051.551WO Sequence Listing.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4